

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently amended) A method for controlling a visual display ~~16~~ on a display panel ~~12~~ by applying a bending force ~~18~~ to the display panel ~~12~~, the method comprising:
detecting the bending force;
modifying the visual display in accordance with a predetermined relationship between the bending force and the visual display, wherein the display panel includes a control device for modifying the predetermined relationship between the bending force and the visual display; and
modifying the predetermined relationship between the bending force and the visual display.

2. (Canceled).

3. (Canceled).

4. (Currently amended) The method of claim ~~21~~ further comprising:
receiving, whereinby the display panel ~~12~~ includes a control device, ~~30~~ for receiving an
input for modifying the visual display ~~16~~ according to a predetermined relationship between the input applied to the control device ~~30~~ and the visual display ~~16~~; and

~~the method further comprises modifying the predetermined relationship between the input applied to the control device ~~30~~ and the visual display ~~16~~ in accordance with the bending force ~~18~~ applied to the display panel ~~16~~.~~

5. (Currently amended) The method of claim 1 further comprising:
generating a torque on the display panel ~~12~~ through application of the bending force ~~18~~;
detecting the torque; and

modifying, during the modifying the visual display step, the visual display ~~16~~ in accordance with athe predetermined relationship between the detected torque and the visual display ~~16~~.

6. (Currently amended) The method of claim 5 wherein the torque includes a twisting torque component, ~~the detecting the torque step includes~~ and the method further comprises detecting the twisting torque component, and the modifying the visual display step includes modifying the visual display ~~16~~ in accordance with a predetermined relationship between the detected twisting torque component and the visual display ~~16~~.

7. (Currently amended) The method of claim 5 wherein the torque includes a bending torque component, ~~the detecting the torque step includes~~ and the method further comprises detecting the bending torque component, and the modifying the visual display step ~~16~~ includes modifying the visual display in accordance with a predetermined relationship between the detected bending torque component and the visual display ~~16~~.

8. (Currently amended) The method of claim 5 wherein the torque includes a planar torque component, ~~and the method further comprises~~ the detecting the torque step includes detecting the planar torque component, and the modifying the visual display step includes modifying the visual display ~~16~~ in accordance with a predetermined relationship between the detected planar torque component and the visual display ~~16~~.

9. (Currently amended) The method of claim 1, wherein the display panel ~~12~~ includes a housing ~~34~~ and a stowable display screen ~~32~~ which may be rolled up into and stowed within a housing ~~34~~, with the housing ~~34~~ extending along and attached to an edge of the stowable display screen ~~32~~, ~~and the method further comprises~~ comprising:
applying the bending force ~~18~~ to the stowable display screen ~~32~~.

10. (Currently amended) The method of claim 8~~9~~ wherein the display panel~~12~~ includes a roller~~36~~ attached to the stowable display screen~~32~~ for receiving the stowable display screen~~32~~ as ~~it~~the display screen is rolled up into the housing~~34~~, and the method further ~~comprises~~comprising:

detecting a reaction on the roller~~36~~ resulting from application of the bending force~~18~~ to the display panel~~12~~; and

modifying, during the modifying the visual display step, the visual display~~16~~ in accordance with a predetermined relationship between the detected reaction on the roller~~36~~ and the visual display~~16~~.

11. (Currently amended) The method of claim 10 wherein the reaction on the roller~~36~~, resulting from application of the bending force~~18~~ to the display panel 12, is a torque on the roller~~36~~.

12. (Currently amended) An apparatus for controlling a visual display~~16~~ ~~on a display panel 12~~ by applying a bending force~~18~~ to the display panel~~12~~, the apparatus comprising:

~~the~~a display panel~~12~~; and

a detector ~~20~~ operatively attached to the display panel~~12~~ for detecting the bending force~~18~~ applied to the display panel; ~~and~~12

a controller operatively connected to the detector and the display panel for:

receiving the detected bending force from the detector, and

modifying the visual display in accordance with a predetermined relationship between the detected bending force and the visual display, and

wherein the display panel includes a control device for modifying the predetermined relationship between the bending force and the visual display.

13. (Canceled).

14. (Canceled).

15. (Currently amended) The apparatus of claim ~~13~~12 wherein:

the display panel 12 includes a control device 30 is arranged for receiving an input for modifying the visual display 16 according to a predetermined relationship between the input applied to the control device 30 and the visual display 16, and

the controller 22 modifies the predetermined relationship between the input applied to the control device 30 and the visual display 16 in accordance with the bending force 18 applied to the display panel 12.

16. (Currently amended) The apparatus of ~~14~~12 wherein:

application of the bending force 18 to the display panel 12 generates a torque on the display panel 12; and

the controller 22 modifies the visual display 16 in accordance with ~~at~~the predetermined relationship between the torque and the visual display 16.

17. (Currently amended) The apparatus of claim 16 wherein the torque includes a twisting torque component and the controller 22 modifies the visual display 16 in accordance with a predetermined relationship between the twisting torque component and the visual display 16.

18. (Currently amended) The apparatus of claim 16 wherein the torque includes a bending torque component and the controller 22 modifies the visual display 16 in accordance with a predetermined relationship between the bending torque component and the visual display 16.

19. (Currently amended) The apparatus of claim 16 wherein the torque includes a planar torque component and the controller 22 modifies the visual display 16 in accordance with a predetermined relationship between the planar torque component and the visual display 16.

20. (Currently amended) The apparatus of claim 12, wherein the display panel-12 comprises:

a housing-34; and

a stowable display screen-32 which may be rolled up into and stowed within the housing 34, the housing-34 extending along and attached to an edge of the stowable display screen-32.

21. (Currently amended) The apparatus of claim 20 wherein:

the display panel-12 includes a roller-36 attached to the stowable display screen-32 for receiving the stowable display screen-32 as ~~it~~the display screen is rolled up into the housing;

the detector-20 is operatively connected to the roller-36 for detecting a reaction on the roller-36 resulting from application of the bending force-18 to the display panel-12; and

the controller-22 modifies the visual display-16 in accordance with ~~at~~the predetermined relationship between the detected reaction on the roller-36 and the visual display-16.

22. (Currently amended) The apparatus of claim 21 wherein the reaction of the bending force-18 on the roller-36, resulting from application of the bending force-18 to the display panel 12, is a torque on the roller-36.

23. (Currently amended) A portable electronic device-10 comprising:

a display panel-12;

a processor-14 for generating a visual display-16 on a display panel 12; and

an apparatus for controlling the visual display-16 on the display panel-12 by applying a bending force-18 to the display panel-12; the apparatus for controlling the visual display-16 comprising the display panel and a detector-20 operatively attached to the display panel-12 for detecting the bending force-18 applied to the display panel-12; and

a controller operatively connected to the detector and the display panel for:

receiving the detected bending force from the detector, and

modifying the visual display in accordance with a predetermined relationship

between the detected bending force and the visual display,

wherein the display panel includes a control device for modifying the predetermined

relationship between the bending force and the visual display.

24. (Canceled).

25. (Currently amended) The electronic device-10 of claim 24~~23~~ wherein:

the visual display-16 includes a movable cursor-28; and

the controller-22 modifies the visual display-16 by moving the cursor-28 in accordance with the predetermined relationship between the detected bending force-18 and the visual display-16.

26. (Currently amended) The electronic device 10 of claim 24~~23~~ wherein:

the visual display-16 is scrollable; and

the controller-22 modifies the visual display-16 by scrolling the visual display-16 in accordance with the predetermined relationship between the detected bending force-18 and the visual display-16.

27. (Currently amended) The electronic device-10 of claim 24 wherein:

the visual display-16 includes a pageup/down mode; and

the controller-22 modifies the visual display-16 by paging up/down in accordance with
at the predetermined relationship between the detected bending force-18 and the visual display-16.

28. (New) The electronic device of claim 23 wherein:

the control device is arranged for receiving an input for modifying the visual display
according to a predetermined relationship between the input applied to the control device and the
visual display, and

the controller modifies the predetermined relationship between the input applied to the
control device and the visual display in accordance with the bending force applied to the display
panel.